

## Woodgrip™ Capped Fasteners

WoodZAC® and WoodMAC™  
For metal to wood

**WoodZAC has all the performance features of standard Woodgrip fasteners, plus a zinc alloy cap that can never red rust:**

- 5/16" AF high Hex Washer Head for driving stability and a sharp point for quick installation.
- Assembled with a aluminum bond seal for weather tight seal and improved installation appearance.

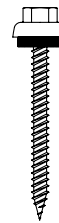
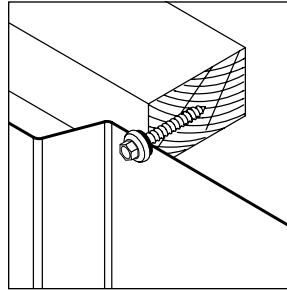
**WoodMAC has all the performance features of standard Woodgrips:**

- 1/4" AF stainless capped HWH for a low profile appearance and can never rust.

## Application

**WoodZAC**  
**9–15 HWH Sharp Point**  
**Assembled with**  
**aluminum Bond Seal**  
**Metal to wood**

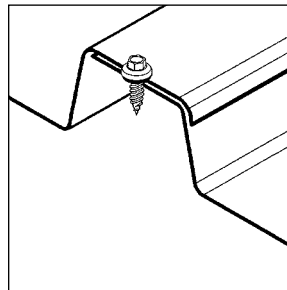
Drilling capacity: 24 ga (.024)  
Self-drills through the metal panel and taps into wood substrate.  
Min penetration in wood substrates should be no less than 1"



5/16" Hex Washer Head  
Zinc Alloy Cap  
Thread Major Dia: .181 – .175  
Thread Minor Dia: .133 – .127  
**Strength (lbs ult.):**  
Tensile: 1500  
Torsional: 60 in-lbs min.  
Shear: 933

**WoodZAC**  
**12 x 3/4" LAP Sharp Point**  
**Assembled with EPDM washer**

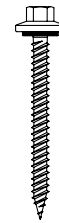
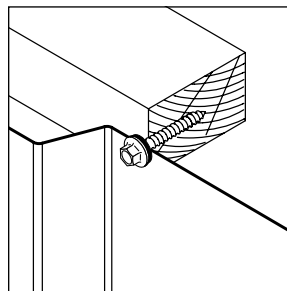
Panel to panel side lap, end lap and other stitch applications



5/16" Hex Washer Head  
Zinc Alloy Cap  
Thread Major Dia: .215 – .208  
Thread Minor Dia: .164 – .157  
**Strength (lbs ult.):**  
Tensile: 2100  
Torsional: 92 in-lbs min.  
Shear: 1800

**WoodMAC**  
**9–15 HWH Sharp Point**  
**Assembled with EPDM washer**  
**Metal to wood**

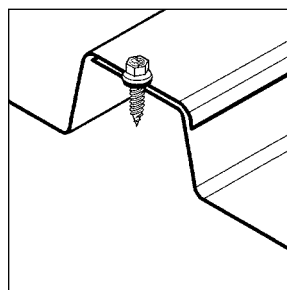
Drilling capacity: 24 ga (.024)  
Self-drills through the metal panel and taps into wood substrate.  
Min penetration in wood substrates should be no less than 1"



1/4" Cupped Stainless Capped  
Thread Major Dia: .181 – .175  
Thread Minor Dia: .133 – .127  
**Strength (lbs ult.):**  
Tensile: 1500  
Torsional: 60 in-lbs min.  
Shear: 933

**WoodMAC Lap**  
**12 x 3/4" HWH Sharp Point**  
**Assembled EPDM washer**

Panel to panel side lap, end lap and other stitch applications



1/4" Cupped Stainless Capped  
Thread Major Dia: .215 – .208  
Thread Minor Dia: .164 – .157  
**Strength (lbs ult.):**  
Tensile: 2100  
Torsional: 92 in-lbs min.  
Shear: 1800

## Notes

Dimensions are nominal inches unless noted.

Continued on following page

## Woodgrip™ Capped Fasteners

WoodZAC® and WoodMAC™  
For metal to wood

## Performance Pounds Ultimate

	Pull-out (lbs ult.) Wood: Spruce, Pine, Fir	Pull-over
<b>#9 Woodgrip 5/16" ZAC Aluminum Bond Seal</b>		
1-1/2" Penetration	748	28 ga: 433
1" Penetration	542	26 ga: 570
		24 ga: 900
<b>#9 Woodgrip 1/4" MAC EPDM Washer</b>		
1-1/2" Penetration	748	28 ga: 380
1" Penetration	542	26 ga: 500
		24 ga: 710

**Notes:** Woodgrip and WoodZAC pull out strength values may vary from tabulated loads depending upon specific wood density variations. Ultimate values listed are the result of laboratory testing. The specific job conditions should be considered and appropriate safety factors applied when specifying the proper fasteners.

**Fasteners installed in less than 1" of solid wood may have an increased potential for sealing or connection failure over time. This may be due to the fasteners being stripped out during installation and/or due to the lack of adequate wood fiber material to hold the fastener in place during thermal movement cycles or other forces which may be exerted upon the connection.**

## Selection

Size	WoodZAC	WoodZAC Lap	WoodMAC	WoodMAC Lap
1"	C0165-DNF	—	C0168-CAF	—
1-1/2"	C0265-DNF	—	C0268-CAF	—
2"	C0385-DNF	—	C0388-CAF	—
2-1/2"	C0465-DNF	—	C0468-CAF	—
3"	C0481-DNF	—	C0488-CAF	—
12 x 3/4" ZAC (5/16" HWH)	—	A1705-FLF	—	—
12 x 3/4" MAC (1/4" HWH)	—	—	—	A1708-EYF

## Installation

Tools: 0 – 2500 rpm screw driver equipped with depth sensing nose piece.

## Options

Painted

